



OIPE

## RAW SEQUENCE LISTING

DATE: 03/01/2002

PATENT APPLICATION: US/10/076,555

TIME: 12:44:24

Input Set : N:\Crf3\RULE60\10076555.raw

Output Set: N:\CRF3\03012002\J076555.raw

1 <110> APPLICANT: Williams, Lewis T.  
 2 Escobedo, Jaime  
 3 Innis, Michael A.  
 4 Garcia, Pablo Dominiguez  
 5 Sudduth-Klinger, Julie  
 6 Reinhard, Christoph  
 7 Giese, Klaus  
 8 Randazzo, Filippo  
 9 Kennedy, Giulia C.  
 10 Pot, David  
 11 Kassam, Altaf  
 12 Lamson, George  
 13 Drmanac, Radoje  
 14 Crkvenjakov, Radomir  
 15 Dickson, Mark  
 16 Drmanac, Snezana  
 17 Labat, Ivan  
 18 Leshkowitz, Dena  
 19 Kita, David  
 20 Garcia, Veronica  
 21 Jones, Lee William  
 22 Stache-Crain, Birgit  
 23 <120> TITLE OF INVENTION: Novel Human Genes and Gene Expression  
 24 Products I  
 25 <130> FILE REFERENCE: 2300-1480  
 26 <140> CURRENT APPLICATION NUMBER: 10/076,555  
 27 <141> CURRENT FILING DATE: 2002-02-15  
 28 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/217,471  
 W--> 29 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-21  
 30 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/068,755  
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 32 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/080,664  
 W--> 33 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-03  
 34 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/105,234  
 W--> 35 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-21  
 36 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/105,877  
 W--> 37 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-27  
 38 <160> NUMBER OF SEQ ID NOS: 844  
 39 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 41 <210> SEQ ID NO: 1  
 42 <211> LENGTH: 300  
 43 <212> TYPE: DNA  
 44 <213> ORGANISM: Homo sapiens

ENTERED

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45 <220> FEATURE:
46 <221> NAME/KEY: misc_feature
47 <222> LOCATION: (1)...(300)
48 <223> OTHER INFORMATION: n = A,T,C or G
49 <400> SEQUENCE: 1
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W--> 51      tgnngaggaa cctctggctt gctcattaag tcctactgat ttctactatc ccctgaattt      120
52      ccccaacttat ttttgtcttt cactatcgca ggccttagaa gaggtctacc tgcctccagt      180
53      cttacctagt ccagtctacc ccctggagtt agaatggcca tcctgaagtg aaaagtaatg      240
54      tcacattact cccttcagtg atttcttgta gaagtgccaa tcctgaatg ccaccaagat      300
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57 <211> LENGTH: 299
58 <212> TYPE: DNA
59 <213> ORGANISM: Homo sapiens
60 <220> FEATURE:
61 <221> NAME/KEY: misc_feature
62 <222> LOCATION: (1)...(299)
63 <223> OTHER INFORMATION: n = A,T,C or G
64 <400> SEQUENCE: 2
65      cccagctgct caggaggctg aggcaggaga attgcttgaa cccaagaggc ggaggttggt      60
66      gtgagccgag attgcacctt tgtactccag cctgggcaac gagcaaaaaa ctctgtctca      120
W--> 67      aacaaaaaga agaaaaaaaa aaaaaaaann nnnnnnnnnn nnnnnnnnnn nnntttttct      180
W--> 68      ggcgncnagt cccaaantcn taccttgtaa gacctttann tnnctgngg tntttntnna      240
W--> 69      cncttanata nnnntntttt ctatcaanta tagggagant tttcntttng gggcaactt      299
71 <210> SEQ ID NO: 3
72 <211> LENGTH: 300
73 <212> TYPE: DNA
74 <213> ORGANISM: Homo sapiens
75 <220> FEATURE:
76 <221> NAME/KEY: misc_feature
77 <222> LOCATION: (1)...(300)
78 <223> OTHER INFORMATION: n = A,T,C or G
79 <400> SEQUENCE: 3
W--> 80      atacgattcg aacnnggaca agacgagtat ggaataatat cccactnnnt ttacaatact      60
W--> 81      ganattatgc ngngatagng cttgttccat tcnaccagcg aatnatgcat tnaencnaca      120
W--> 82      cnngagttac tatccaaaca cacgttttca cgntacctga ngctggtnga naattatgcg      180
W--> 83      accatgaggc tttccangat ntttctannt ancagacngn gnacaatgnt gaanaagcng      240
W--> 84      tacacaccgc nctngncnnc cnnactgan cangtnacnn ngctcactgn ngcctctttc      300
86 <210> SEQ ID NO: 4
87 <211> LENGTH: 287
88 <212> TYPE: DNA
89 <213> ORGANISM: Homo sapiens
90 <220> FEATURE:
91 <221> NAME/KEY: misc_feature
92 <222> LOCATION: (1)...(287)
93 <223> OTHER INFORMATION: n = A,T,C or G
94 <400> SEQUENCE: 4
W--> 95      aaancngcac gangccacgt ncnngnnngnt nntactnnnc natngccnnc tcantggcng      60
W--> 96      ncagctagac gcctaacagc cgangancca nccntnntgt ganccngtcn tgacngnnag      120

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W--> 97      cntgccggtc ttgctcnttt tgtctaccnn gagganannn ntntgggaca tcccagactg      180
W--> 98      agtgaggaga tctgengctg cnnctgtact tggttacanc ncacacgang actntncctt      240
W--> 99      ggactanana cactagccta anattcngca ctacctantc ctctggc      287
101 <210> SEQ ID NO: 5
102 <211> LENGTH: 300
103 <212> TYPE: DNA
104 <213> ORGANISM: Homo sapiens
105 <400> SEQUENCE: 5
106      gtccttttga accaccccaa agaactcaac atggcaaagc aaatggtaaa agcttcccga      60
107      ctgttctact ttgggtccgc gcgaagccca ctacgtgtg atctgtgttg cccctgggag      120
108      gcccggggcg accggaaaag ggctctctca agttctgaaa agagaatctg ccaccagatc      180
109      gaatttcgac ccctgagctt gtteggacgt atggtccaaa ttcagattaa ggtggtcacc      240
110      caacccgaga tgtcaggaaa ggccttctgc agagaaaatg tccccccacc cgccatctgc      300
112 <210> SEQ ID NO: 6
113 <211> LENGTH: 284
114 <212> TYPE: DNA
115 <213> ORGANISM: Homo sapiens
116 <220> FEATURE:
117 <221> NAME/KEY: misc_feature
118 <222> LOCATION: (1)...(284)
119 <223> OTHER INFORMATION: n = A,T,C or G
120 <400> SEQUENCE: 6
W--> 121      tntccccttt gacgccttan tgccctnncg ctacnngtcc nttaggcctt atcccatcgn      60
W--> 122      centcgtttn gcattctgcc nnagantgac tttncnatca tgcntnatnn gtnnttacna      120
W--> 123      ggggctnggg tgaattntta caccctgcna ntccatanca cantgccntg cnagctncac      180
W--> 124      cctcntgaat aaatgcaata aantttcngt tgatcttata caccttatgc nccntantta      240
W--> 125      atcagccctn tnttacnana tcnanttatg cnggtattaa aaca      284
127 <210> SEQ ID NO: 7
128 <211> LENGTH: 277
129 <212> TYPE: DNA
130 <213> ORGANISM: Homo sapiens
131 <220> FEATURE:
132 <221> NAME/KEY: misc_feature
133 <222> LOCATION: (1)...(277)
134 <223> OTHER INFORMATION: n = A,T,C or G
135 <400> SEQUENCE: 7
136      gtgctgcaga caacacacct tcctgatgga ggtgtccggc tgatggagaa gtctgtgggc      60
137      ttgtaaataca tctttgatgt taaccaggcc gacgctgtgg ccacattccg aaagattaac      120
W--> 138      cctgtcaaac cctannnnnn nnnnnnnnnn nnnggatttg atnagcctgt nccanacctc      180
W--> 139      tgcagcctcn ancggtngtn ntaccatagt ggggatgacc ctctgatact ttgncctggt      240
W--> 140      ngancatgnt gacanngtct tctacagctt nngggac      277
142 <210> SEQ ID NO: 8
143 <211> LENGTH: 292
144 <212> TYPE: DNA
145 <213> ORGANISM: Homo sapiens
146 <220> FEATURE:
147 <221> NAME/KEY: misc_feature
148 <222> LOCATION: (1)...(292)
149 <223> OTHER INFORMATION: n = A,T,C or G

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150 <400> SEQUENCE: 8
151      cttgggaggc tgagtcagga gaattgcttg agcccaggag atggagggttg cagtgagcca      60
152      agatcatgcc actgcactcc agactgggca acagagggag actccgtctc aaaaactaaa      120
153      aaaaaaata catttagtat agcgggggggt gggcgggaga aataatgtta tttcctatgc      180
W--> 154      aaatgacgnn nnnnnnnnnn cccatggtaa atgtnaatat actgcgtctn ttttgggana      240
W--> 155      gccttttant aaangagtct tanatgaatc tctanntnat gantttaact tg      292
157 <210> SEQ ID NO: 9
158 <211> LENGTH: 300
159 <212> TYPE: DNA
160 <213> ORGANISM: Homo sapiens
161 <400> SEQUENCE: 9
162      ccaggtttagc tgctgaatca aagcttcaaa cagaagttaa agaaggaaaa gaaacttcaa      60
163      gcaaattgga aaaagaaact tgtaagaaat cacaccctat tctatatgtg tcttctaaat      120
164      ctactccaga gaccagtgcc cctcaacagt aaagactttt ctttaataag agtacgggtgc      180
165      cacttgcttc aaaagttact atggtgctta agattgtctt gatctgacat atatcacctt      240
166      ctgggttatt tactcattgt gccaggacct ggcattttca tgtgcctttg accaagtgtt      300
168 <210> SEQ ID NO: 10
169 <211> LENGTH: 300
170 <212> TYPE: DNA
171 <213> ORGANISM: Homo sapiens
172 <220> FEATURE:
173 <221> NAME/KEY: misc_feature
174 <222> LOCATION: (1)...(300)
175 <223> OTHER INFORMATION: n = A,T,C or G
176 <400> SEQUENCE: 10
177      aggaggcgga gcttgcagtg agctgagatc ggcgccactgc actccagcct gggcaacaga      60
W--> 178      gtgagactct gtctcaaaaa aaaaaaaaaa nnnnnnnnnn nnnnnnnnaa nctcgtnttn      120
W--> 179      gnaaggaaan ggggnaangg accggtntta tncctatgtg gtntttgcag gcaaangaaa      180
W--> 180      nggaccntt tttgtaaaaa aaagtctttt gnncaantaa acgggggntg ngggtncagg      240
W--> 181      ccctggnggg gcnncantt gcctggnggc ttntgnnaaa tcggnaaagg gaggaaaggc      300
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184 <211> LENGTH: 300
185 <212> TYPE: DNA
186 <213> ORGANISM: Homo sapiens
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188 <221> NAME/KEY: misc_feature
189 <222> LOCATION: (1)...(300)
190 <223> OTHER INFORMATION: n = A,T,C or G
191 <400> SEQUENCE: 11
192      cgtctgtaat cccagctgct tgggaggctg aggcaggaga atcacttgaa ccctggaggt      60
193      ggcggtttca gtgagcacag atcatgccac tgcactccag cctgggcaac aaaacgagac      120
W--> 194      ttcgtctcaa aaaaaaaaaa nnnnnnnnnn nnnnnnnnnn nncgggttct cccaaattnt      180
W--> 195      tttnaggggn ccatggncaa ctgnttnacn tttgtttngg naacccttg cccnaagncg      240
W--> 196      cananaggct gtnnttnncc ttgttnccaa ggntgaggan caaaaagtac cctntgtttt      300
198 <210> SEQ ID NO: 12
199 <211> LENGTH: 300
200 <212> TYPE: DNA
201 <213> ORGANISM: Homo sapiens
202 <400> SEQUENCE: 12

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203      caaagatggt cgtattacta aaggtgaata accagcgcg ggggcacgtg gagtcactgg      60
204      aacatttgtg caatgctggt gggaaatgtca acccgtgcgg ccctctggaa taagcctggc      120
205      agctcctcca agagttaccg tgtgaccag caattccact cctagctcca cccacaggaa      180
206      ttgaaagcaa agacgcaaac agatgcctgt gcaccaaagt tcacggcagc atccttcgcc      240
207      atagtggcag catcgcgtgt cacagcggca tcatccttca tcatagcggc agcatccgtc      300
209 <210> SEQ ID NO: 13
210 <211> LENGTH: 278
211 <212> TYPE: DNA
212 <213> ORGANISM: Homo sapiens
213 <220> FEATURE:
214 <221> NAME/KEY: misc_feature
215 <222> LOCATION: (1)...(278)
216 <223> OTHER INFORMATION: n = A,T,C or G
217 <400> SEQUENCE: 13
218      cctgcagcca ctaatgcatt gtgtatgata aaaaaaactc tggtagtaca cattttctgt      60
219      gatcattgtt aattagtgac atagtaacat ctgtagcagc tggtagtaaa acctcatgtg      120
W--> 220      ggggaggtgt gggaggtttt nncgnnannn nnnngcnnnn annccccggn nngnnngaag      180
W--> 221      ctgnnnnttn naannngcnn nnnannatga naannnccnn ngactggnnn nangaggcct      240
W--> 222      ancccntgnt ttananaaac nnncnncagn ntctctca      278
224 <210> SEQ ID NO: 14
225 <211> LENGTH: 300
226 <212> TYPE: DNA
227 <213> ORGANISM: Homo sapiens
228 <400> SEQUENCE: 14
229      gtgtcttcat cttacccagt ggaacctaa aaattaaatt ctccagaaga aactgctttt      60
230      cagacaccaa aatctagcca gatgcctcgg ccttcagtgc caccattagt taaaacatca      120
231      ctgttttctt caaaattatc tacacctgat gttgtgagcc catttgggac cccatttggc      180
232      tctagtgtaa tgaatcggat ggctggaatt tttgatgtaa acacctgcta tgggtcaccg      240
233      caaagtcctc agctaataag aagggggcca agattgtgga catcagcttc tgatcagcaa      300
235 <210> SEQ ID NO: 15
236 <211> LENGTH: 300
237 <212> TYPE: DNA
238 <213> ORGANISM: Homo sapiens
239 <400> SEQUENCE: 15
240      gttatattaa attattcttt gtttttcttt ttcttttaat aaagcctgca agttactaaa      60
241      ttgtagtttc ataaattctg tagtaaagta tcatcttggc agtgtgcca aggtgaaaat      120
242      gatgctttct ctaacagaga aattcttagt gactccagtc gtagaaaaac gtctttacaa      180
243      cctgaataag attgaagaat tgtgaacata ccatggccta ttggatgaat catttgccgt      240
244      aggctaaatc agactgtagg gtttgcgatg gatttatgga gtatgtgggt atagaaatca      300
246 <210> SEQ ID NO: 16
247 <211> LENGTH: 276
248 <212> TYPE: DNA
249 <213> ORGANISM: Homo sapiens
250 <220> FEATURE:
251 <221> NAME/KEY: misc_feature
252 <222> LOCATION: (1)...(276)
253 <223> OTHER INFORMATION: n = A,T,C or G
254 <400> SEQUENCE: 16
255      gtttcattta agaagaatga gctagataaa tgtgctcttc tggttacccc accctgacag      60

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## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/076,555

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Input Set : N:\Crf3\RULE60\10076555.raw

Output Set: N:\CRF3\03012002\J076555.raw

L:397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28  
L:398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28  
L:399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28  
L:424 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30  
L:517 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38  
L:605 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46  
L:731 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57



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Team: OIPEBackFileIndexing  
Dossier: 10076555

Legal Date: 05-28-2002

No.	Doccode	Number of pages
1	IDS	4

Total number of pages: 4

Remarks:

Order of re-scan issued on .....